

POLLUTION RESEARCH GROUP PUBLICATION LIST
YEAR 1999 TO 2000

CONFERENCE PROCEEDINGS:

1. BARCLAY, S.J. MAHARAJ, D., SCOTT, D. and BUCKLEY, C.A., 'Waste Minimisation Club for Metal Finishers - A First for South African Industry', 2nd Asia-Pacific Cleaner Production Roundtable and Trade Expo, Global Competitiveness Through Cleaner Production, Brisbane Convention & Exhibition Centre, Brisbane, Australia, 21-24 April 1999. (Paper)
2. BROUCKAERT, C.J., MAJOZI, T., GARDNER, G. and BUCKLEY, C.A., 'The Application of Pinch Analysis to Water and Effluent Management in the Process Industry', 2nd Asia-Pacific Cleaner Production Roundtable and Trade Expo, Global Competitiveness Through Cleaner Production, Brisbane Convention & Exhibition Centre, Brisbane, Australia, 21-24 April 1999. (Paper)
3. SACKS, J., BUCKLEY, C.A. and STUCKEY, D.C.*, 'Treatment and Decolourisation of Food Dyes in the Anaerobic Baffled Reactor', African International Environmental Protection Symposium, Imperial Hotel, Pietermaritzburg, Republic of South Africa, 4-8 July 1999. (Paper)
4. MURUGEN, L.H., GOVENDER, M., SACKS, J., BUCKLEY, C.A., ROZZI, A* and FRESTEL, S.*, 'Measuring Methanogenic Activity Using a Titrating Biosensor', African International Environmental Protection Symposium, Imperial Hotel, Pietermaritzburg, Republic of South Africa, 4-8 July 1999. (Poster)
5. BUCKLEY, C.A., 'Innovative Clean Technology', Environmental Malaysia '99 Conference, Kuala Lumpur, Malaysia, 15-16 July 1999. (Keynote speaker)
6. BUCKLEY, C.A., 'Short Course on Clean Technology for Industrial Applications', Institute of Environmental and Waste Resource Management, Universiti Teknologi Malaysia, Business & Advanced Technology Centre, UTM KL-Campus, Jalan Semarak, Kuala Lumpur, 6-7 July 1999. (Keynote speaker)
7. BUCKLEY, C.A., 'Short Course on Membrane Technology for Environmental Controls', Institute of Environmental and Waste Resource Management, Universiti Teknologi Malaysia, Business & Advanced Technology Centre, UTM KL-Campus, Jalan Semarak, Kuala Lumpur, 8 July 1999. (Keynote speaker)
8. BROUCKAERT, C.J., 'Specialised Training on Geochemical Equilibrium Speciation Model (MINTEQA2)', Institute of Environmental and Waste Resource Management, Universiti Teknologi Malaysia, Business & Advanced Technology Centre, UTM KL-Campus, Jalan Semarak, Kuala Lumpur, 6-7 July 1999. (Short Course)
9. BARCLAY, S.J. and BUCKLEY, C.A., 'Waste Minimisation Guide for the Textile Industry : A Step Towards Cleaner Production', 18th International Federation of Association of Textile Chemist and Colourist Congress on Textile Dyeing and Finishing in the 21st Century, Book of Proceedings, held at the Scandic Copenhagen Hotel in Copenhagen, Denmark, 8-10 September 1999. (Poster)
10. BARCLAY, S.J. and BUCKLEY, C.A., 'Waste Minimisation Club for the South African Textile Industry : A Feasibility Assessment', 18th International Federation of Association of Textile Chemist and Colourist Congress on Textile Dyeing and Finishing in the 21st Century, Book of Proceedings, held at the Scandic Copenhagen Hotel in Copenhagen, Denmark, 8-10 September 1999. (Paper)
11. BROUCKAERT, C.J., BUCKLEY, C.A., PETERS, S.* and WOODHOUSE, C.*, 'Optimal Location of a Membrane Treatment Plant in a Power Station', International Specialized Conference on Membrane Technology in Environmental Management (IAWQ), Tokyo, Japan, 1-4 November 1999. (Paper)
12. BUCKLEY, C.A. and RENCKEN, G.E., 'Waste Water Reuse, The South African Experience', Conference Proceedings for the International Specialized Conference on Membrane Technology in Environmental Management (IAWQ), Tokyo, Japan, 1-4 November 1999. (Paper)
13. NAIDOO, V., URBAIN, V.*, GINESTET, P.*, FOXON, K. and BUCKLEY, C.A., 'Different Biological Phosphorous Release Patterns and the Impact on Wastewater Characterization by the Nitrate-N- Utilization Rate Test', Bioy2k Combined Millennium Meeting, Rhodes University, Grahamstown, SA, 23-28 January 2000. (Paper)

14. FOXON, K.M., NAIDOO, V., BUCKLEY, C.A. and ROZZI, A.*, 'Wastewater Characterisation : Comparison of an Anoxic Titrimetric (ATM) To Traditional Respirometer Methods', Bioy2k Combined Millennium Meeting, Rhodes University, Grahamstown, SA, 23-28 January 2000. (Poster)
15. BELL, J., BUCKLEY, C.A., STUCKEY, D.*, DAMA, P. and SENIOR, E.*, 'Laboratory Scale Investigation of the Anaerobic Baffled Reactor', Bioy2k Combined Millennium Meeting, Rhodes University, Grahamstown, SA, 23-28 January 2000. (Poster)
16. DAMA, P., BELL, J., BROUCKAERT, C.J., BUCKLEY, C.A. and STUCKEY, D.C.*, 'The Design of an Anaerobic Baffled Reactor with the Aid of Computational Fluid Dynamics', Bioy2k Combined Millennium Meeting, Rhodes University, Grahamstown, SA, 23-28 January 2000. (Poster)
17. FRIEDRICH, E. and BUCKLEY, C.A., 'The Application of Life Cycle Assessment (LCA) for the Production of Potable Water - A Case Study', Bioy2k Combined Millennium Meeting, Rhodes University, Grahamstown, SA, 23-28 January 2000. (Poster)
18. JOHN, B.S., 'An Introduction to Life Cycle Assessment Applied to the Pulp and Paper Industry- Mondi Kraft, Richards Bay', TAPPSA Eastern Region, Conference 2000, Champagne Sports Resort, Drakensburg, South Africa 17-19 April 2000. (Slide Presentation)
19. BELL, J., DAMA, P., BUCKLEY, C.A., STUCKEY, D.* and SENIOR, E.*, 'Pre scale-up laboratory investigation of the anaerobic baffled reactor', The Water Institute of Southern Africa (WISA 2000) Biennial Conference and Exhibition, Sun City, South Africa, 28 May - 1 June 2000. (Paper)
20. GIANADDA, P., BROUCKAERT, C.J. and BUCKLEY, C.A., 'The application of pinch analysis to water effluent management in a chlor-alkali facility', The Water Institute of Southern Africa (WISA 2000) Biennial Conference and Exhibition, Sun City, South Africa, 28 May - 1 June 2000. (Paper)
21. NAIDOO, V., URBAIN, V.*, GINESTET, P.* and BUCKLEY, C.A., 'Reliability of the anoxic respirometric technique for wastewater characterization using EBRP and Non-EBRP Sludges', The Water Institute of Southern Africa (WISA 2000) Biennial Conference and Exhibition, Sun City, South Africa, 28 May - 1 June 2000. (Paper)
22. BROUCKAERT, C.J. and PRYOR, M.*, 'Computational Fluid Dynamic Modelling of an Ozone Contactor', The Water Institute of Southern Africa (WISA 2000) Biennial Conference and Exhibition, Sun City, South Africa, 28 May - 1 June 2000. (Invited Paper)
23. FRIEDRICH, E., WENZEL, H.* and BUCKLEY, C.A., 'Life Cycle Assessment : National and International Experience with a New Tool for Environmental Optimisation - Case Study on Water Treatment Technologies', The Water Institute of Southern Africa (WISA 2000) Biennial Conference and Exhibition, Sun City, South Africa, 28 May - 1 June 2000. (Paper)
24. MAHARAJ, D., BARCLAY, S.J., MERCER, D.G.* and BUCKLEY, C.A., 'Practical Waste and Effluent Reduction : Case Studies the Manufacturing Sector', The Water Institute of Southern Africa (WISA 2000) Biennial Conference and Exhibition, Sun City, South Africa, 28 May - 1 June 2000. (Poster)
25. SCHNEIDER, J., BROUCKAERT, C.J. and BUCKLEY, C.A., 'Using the pinch analysis to reduce liquor effluent in the production of L-lysine', The Water Institute of Southern Africa (WISA 2000) Biennial Conference and Exhibition, Sun City, South Africa, 28 May - 1 June 2000. (Poster)
26. BELL, J., BUCKLEY, C.A., STUCKEY, D.* and PLUMB, J.*, 'Degradation of food dyes in the anaerobic baffled reactor', The Water Institute of Southern Africa (WISA 2000) Biennial Conference and Exhibition, Sun City, South Africa, 28 May - 1 June 2000. (Poster)
27. FOXON, K. M., NAIDOO, V., BUCKLEY, and ROZZI, A., 'Use of Anoxic Titrimetric Test (ATM) for Measurement of Organic Carbon Substrate in Activated Sludge', The Water Institute of Southern Africa (WISA 2000) biennial Conference and Exhibition, Sun City, South Africa, 28 May - 1 June 2000. (Poster)
28. THAMBIRAN, N., BARCLAY, S.J. and BUCKLEY, C.A., 'Pollution prevention really does pay : case studies from the metal finishing waste minimisation club', The Water Institute of Southern Africa (WISA 2000) Biennial Conference and Exhibition, Sun City, South Africa, 28 May - 1 June 2000. (Poster)
29. DAMA, P., BELL, J., BROUCKAERT, C.J., BUCKLEY, C.A. and STUCKEY, D.C.*, 'Computational fluid dynamics : application to the design of the anaerobic baffled reactor', The Water Institute of Southern Africa (WISA 2000) Biennial Conference and Exhibition, Sun City, South Africa, 28 May - 1 June 2000. (Poster)

30. JOHN, B.S., TERBLANCHE, C.*, BUCKLEY, C.A. and HUNT J., 'Life Cycle Assessment : A Tool to Measure the Environmental Impact of the Production of Pulp and Products', The Water Institute of Southern Africa (WISA 2000) Biennial Conference and Exhibition, Sun City, South Africa, 28 May - 1 June 2000. (Poster)
31. NATASHA, A. and BUCKLEY, C.A., 'An Electrochemical Membrane Process for the Recovery of sodium Hydroxide from Process Streams', The Water Institute of Southern Africa (WISA 2000) Biennial Conference and Exhibition, Sun City, South Africa, 28 May - 1 June 2000. (Poster)
32. DU PREEZ, M.A., NDIMANDE, G.S., NAIDOO V. and BUCKLEY, C.A., 'Pilot Plant Anaerobic Digester for High Strength Organic Effluents', The Water Institute of Southern Africa (WISA 2000) Biennial Conference and Exhibition, Sun City, South Africa, 28 May - 1 June 2000. (Poster)
33. D'AMBROSIO, D., BUCKLEY, C.A. and ROZZI, A.*, 'Estimation of the Kinetic Constants for an Aerobic Sludge', The Water Institute of Southern Africa (WISA 2000) Biennial Conference and Exhibition, Sun City, South Africa, 28 May - 1 June 2000. (Poster)
34. BARCLAY, S.J., N THAMBIRAN, MAHARAJ, D. and MERCER, D.*, 'Waste Minimisation Clubs : A Solution to Sustainable Industrial Development?', One Day Pre-Conference Workshop Held at WISA 2000 Biennial Conference, Sun City, South Africa, 28 May 2000. (Workshop)
35. BUCKLEY, C.A., WENZEL, H.* and FRIEDRICH, E., 'Life Cycle Assessment - A Comprehensive Tool for Environmental Management', One Day Pre-Conference Workshop Held at WISA 2000 Biennial Conference, Sun City, South Africa, 28 May 2000. (Workshop)
36. BROUCKAERT, C.J., BUCKLEY, C.A., GIANADDA, P. and SCHNEIDER, J 'Waterpinch Analysis : A Tool for the Rational Management of Water and Effluent in an Industrial Complex', One Day Pre-Conference Workshop Held at WISA 2000 Biennial Conference, Sun City, South Africa, 28 May 2000. (Workshop)

Conference Proceedings Pending :

1. BARCLAY, S.J., BUCKLEY, C.A. and MERCER, D.*, 'Waste Minimisation Clubs - Managing them for Success', Wastecon 2000 Biennial Conference & Exhibition on Integrated Waste Management in the New Millennium, Somerset West, near Cape Town, South Africa, 5-7 September 2000. (Paper)
2. MAHARAJ, D., BARCLAY, S.J. and BUCKLEY, C.A., 'Practical Waste Reduction at a Textile Plant', Wastecon 2000 Biennial Conference & Exhibition on Integrated Waste Management in the New Millennium, Somerset West, near Cape Town, South Africa, 5-7 September 2000. (Paper)
3. THAMBIRAN, N., BARCLAY, S.J. and BUCKLEY, C.A., 'Waste Minimisation Success at a Metal Finishing Company', Wastecon 2000 Biennial Conference & Exhibition on Integrated Waste Management in the New Millennium, Somerset West, near Cape Town, South Africa, 5-7 September 2000. (Paper)
4. FREEMAN, S. and BARCLAY, S.J., 'The Waste Minimisation Interest Group - A Training Ground for Business and Industry in KwaZulu Natal', Wastecon 2000 Biennial Conference & Exhibition on Integrated Waste Management in the New Millennium, Somerset West, near Cape Town, South Africa, 5-7 September 2000. (Paper/Poster)
5. BARCLAY, S.J., BUCKLEY, C.A., MAHARAJ, D., THAMBIRAN, N. and MERCER, D.G.*, 'Waste Minimisation Club : A Route to Sustainable Industrial Development', The South African Institution of Chemical Engineers (SAChE 2000) 9th National Meeting, Secunda, Mpumalanga, South Africa, 9-12 October 2000. (Paper)
6. BELL, J., DAMA, P., BUCKLEY, C.A., STUCKEY, D.C.* and SENIOR, E.*, 'Treatment of Industrial Wastewater in the Anaerobic Baffled Reactor', The South African Institution of Chemical Engineers (SAChE 2000) 9th National Meeting, Secunda, Mpumalanga, South Africa, 9-12 October 2000. (Paper)
7. GOVENDER, M., PILLAY, B. and BUCKLEY, C.A., 'Investigation of a Proton Exchange Membrane Fuel Cell', The South African Institution of Chemical Engineers (SAChE 2000) 9th National Meeting, Secunda, Mpumalanga, South Africa, 9-12 October 2000. (Paper)
8. GIANADDA, P., BROUCKAERT, C.J. and BUCKLEY, C.A., 'The Application of Pinch Analysis to Water, Effluent and Reagent Management in a Chlor-Alkali Facility', The South African Institution of Chemical

Engineers (SAIChE 2000) 9th National Meeting, Secunda, Mpumalanga, South Africa, 9-12 October 2000. (Paper)

9. BROUCKAERT, C.J., BUCKLEY, C.A., HANEKOM, G.* and WOODHOUSE, C.*, 'Optimal Location of Membrane Treatment Plant in a Power Station', The South African Institution of Chemical Engineers (SAIChE 2000) 9th National Meeting, Secunda, Mpumalanga, South Africa, 9-12 October 2000. (Paper)

10. SCHNEIDER, J.P.Z., BROUCKAERT, C.J. and BUCKLEY, C.A., 'Using Water Pinch Analysis to Reduce Effluent in the Production of L-Lysine', The South African Institution of Chemical Engineers (SAIChE 2000) 9th National Meeting, Secunda, Mpumalanga, South Africa, 9-12 October 2000. (Paper)

11. DAMA, P., BELL, J., BROUCKAERT, C.J., BUCKLEY, C.A. and STUCKEY, D.C.*, 'Flow Patterns in an Anaerobic Baffled Reactor', The South African Institution of Chemical Engineers (SAIChE 2000) 9th National Meeting, Secunda, Mpumalanga, South Africa, 9-12 October 2000. (Poster)

12. THAMBIRAN, N., BARCLAY, S.J. and BUCKLEY, C.A., 'Waste Minimisation Success at a Metal Finishing Company', The South African Institution of Chemical Engineers (SAIChE 2000) 9th National Meeting, Secunda, Mpumalanga, South Africa, 9-12 October 2000. (Poster)

13. AVANASIGAN, N. and BUCKLEY, C.A., 'An Electrochemical Membrane Process for the Recovery of Sodium Hydroxide from Process Streams', The South African Institution of Chemical Engineers (SAIChE 2000) 9th National Meeting, Secunda, Mpumalanga, South Africa, 9-12 October 2000. (Poster)

14. NDIMANDE S.G., DU PREEZ, M., NAIDOO, V. and BUCKLEY, C.A., 'Evaluation of High Strength/Toxic Effluents for Disposal at Conventional Wastewater Treatment Digesters', The South African Institution of Chemical Engineers (SAIChE 2000) 9th National Meeting, Secunda, Mpumalanga, South Africa, 9-12 October 2000. (Poster)

15. WOLHUTER, R., BROUCKAERT, C.A., CHETTY, S.* and BUCKLEY, C.A., 'The Evaluation of Flow Related Improvements Using Computational Fluid Dynamics (CFD)', The South African Institution of Chemical Engineers (SAIChE 2000) 9th National Meeting, Secunda, Mpumalanga, South Africa, 9-12 October 2000. (Poster)

16. JOHN, B.S., TERBLANCHE, S.*, BUCKLEY, C.A. and HUNT, J., 'Life-cycle Assessment : A Tool to measure the Environmental Impact of the Production of Pulp and Products', The South African Institution of Chemical Engineers (SAIChE 2000) 9th National Meeting, Secunda, Mpumalanga, South Africa, 9-12 October 2000. (Poster)

17. FOXON, K.M., FICARA, E.*, BUCKLEY, C.A. and ROZZI, A.*, 'Modelling the Effect of Variable Dissolved CO₂ Concentration in Anoxic Titration (pHSTAT) Biosensors', The South African Institution of Chemical Engineers (SAIChE 2000) 9th National Meeting, Secunda, Mpumalanga, South Africa, 9-12 October 2000. (Poster)

18. TERBLANCHE, G.S.*, HUNT, J., BROUCKAERT, C.J. and BUCKLEY, C.A., 'Combined Thermal and Water Pinch in a Pulp Mill', The South African Institution of Chemical Engineers (SAIChE 2000) 9th National Meeting, Secunda, Mpumalanga, South Africa, 9-12 October 2000. (Poster)

19. BROUCKAERT, C.J., BROUCKAERT, B.M., PRYOR, M.* and BUCKLEY, C.A., 'CFD Modelling of an Ozone Contactor', The South African Institution of Chemical Engineers (SAIChE 2000) 9th National Meeting, Secunda, Mpumalanga, South Africa, 9-12 October 2000. (Poster)

20. DU PREEZ, M.A., NDIMANDE S.G., NAIDOO, V. and BUCKLEY, C.A., 'Anaerobic Digestion of High Strength Organic Effluents', The South African Institution of Chemical Engineers (SAIChE 2000) 9th National Meeting, Secunda, Mpumalanga, South Africa, 9-12 October 2000. (Poster)

21. MAHARAJ, D., BARCLAY, S.J., MERCER, D.G.* and BUCKLEY, C.A., 'Practical Waste and Effluent Reduction : Case Studies in the Manufacturing Sector', The South African Institution of Chemical Engineers (SAIChE 2000) 9th National Meeting, Secunda, Mpumalanga, South Africa, 9-12 October 2000. (Poster)

22. NAYLOR, G.M., RATCLIFF, J*, HUNT, J., BROUCKAERT, C.J. and BUCKLEY, C.A., 'Water Pinch and Integrated Pulp and Paper Mill', The South African Institution of Chemical Engineers (SAIChE 2000) 9th National Meeting, Secunda, Mpumalanga, South Africa, 9-12 October 2000. (Poster)

23. BUCKLEY, C.A. and BROUCKAERT, C.J., 'Pinch Technology', Short Course held at The South African Institution of Chemical Engineers (SAChE 2000) 9th National Meeting, Secunda, Mpumalanga, South Africa, 12-13 October 2000. (Short Course).

PUBLICATIONS:

1. STEENVELD, G.*, BARCLAY, S.J. and BUCKLEY, C.A., 'Waste Minimisation Club : Introducing the Concept to South African Industries', Chemical Technology, pp. 17-20, March/April 1999.
2. BROUCKAERT, C.J., BUCKLEY, C.A. and JACOBS, E.P.*, 'Common Pitfalls in the Design and Operation of Membrane Plants - Or How I Should Have Done It', Water Science and Technology, **39**(10-11), pp. 107-114, 1999, ISBN 0273-1223.
3. HANSA, A., PILLAY, V.L. and BUCKLEY, C.A., 'Analysis of Reactive Dyes Using High Performance Capillary Electrophoresis', Water Science and Technology, **39**(10-11), pp. 169-172, 1999, ISBN 0273-1223.
4. KARAMA, A.B., ONYEJEKWE, O.O., BROUCKAERT, C.J. and BUCKLEY, C.A., 'The Use of Computational Fluid Dynamics (CFD). Technique for Evaluating the Efficiency of An Active Sludge Reactor' Water Science and Technology, **39**(10-11), pp. 329-332, 1999, ISBN 0273-1223.
5. SACKS, J., BUCKLEY, C.A., SENIOR, E. and KASAN, H.*, 'An Assessment of the Feasibility of Anaerobic Digestion as a Treatment Method for High Strength or Toxic Organic Effluents', Water Science & Technology, **39**(10-11), pp. 347-351, 1999, ISBN 0273-1223.
6. SMITH, D.C.*, SACKS, J.* and SENIOR, E., 'Irrigation of Soil with Synthetic Landfill Leachate - Speciation and Distribution of Selected Pollutants', Environmental Pollution, 106, pp. 429-441, 1999. (* as a member of International Centre of Waste Technology (Africa) not Pollution Research Group).
7. SACKS, J. and BUCKLEY, C.A., 'Anaerobic Treatment of Textile Size Effluent', Water Science & Technology, **40**(1), pp. 177-182, 1999, ISBN 0273-1223.
8. BROUCKAERT, C.J., AND BUCKLEY, C.A. and JACOBS, E.P.*, 'The Use of Computational Fluid Dynamics for Improving the Design and Operation of Water and Wastewater Plants', Water Science and Technology, **40**(4-5), pp. 81-90, 1999, ISBN 0273-1223.
9. SCHWIKKARD, G.W., WINSHIP, S.J. and BUCKLEY, C.A., 'Ultrasound : A Novel Water Treatment Technique', Chemical Technology, pp 24-25, Jan/Feb, 2000.
10. BARCLAY, S.J., THAMBIRAN, N., MAHARAJ, D., BUCKLEY, C.A. and MERCER, D.*, 'Technical - Waste Minimisation Club (Part 1) : A Feasible Solution to Sustainable Industrial Development?', TAPPSA Journal, pp. 26-29, March 2000.
11. BARCLAY, S.J., CARLIELL, C.A. and BUCKLEY, C.A., 'Treatment of Exhausted Reactive Dyebath Effluent Using Anaerobic Digestion', Chemical Technology, March/April 2000.
12. BARCLAY, S.J., THAMBIRAN, N., MAHARAJ, D., BUCKLEY, C.A. and MERCER, D.*, 'Technical - Waste Minimisation Club (Part 2) : A Feasible Solution to Sustainable Industrial Development?', TAPPSA Journal, pp. 17-19, May 2000.
13. BARCLAY, S.J. and BUCKLEY, C.A., 'Waste Minimisation Clubs - Pilot Studies in Kwa Zulu Natal', SA Waterbulletin, pp. 11-12, May/June 2000.

BOOKS AND CHAPTERS OF BOOKS :

1. Pollution Research Group, Department of Chemical Engineering, 'WRC Project No. 363, Final Report - The Use of Small-Scale Equipment for Evaluating Water Treatment Plants' by C J Kaiser. Water Research Commission Report No. 363/1/99, WRC, Pretoria, 1999. ISBN 1 86845 464 9.
2. Pollution Research Group, School of Chemical Engineering, 'WRC Project No. 388, Final Report - Evaluation of Different Methods to Produce Free Radicals for the Oxidation of Organic Molecules in Industrial Effluents and Potable Water with Reference to Cav-Ox', by S Winship. Water Research Commission Report No. 388/1/99, WRC, Pretoria, 1999, ISBN 1 86845 484 3.

3. Pollution Research Group, School of Chemical Engineering, and the Centre of Water Pollution Research, University of Durban-Westville, 'WRC Project No. 735 Report - The Promotion of the Internet as a Source of Information on Water and Sanitation', by N Kibata, C A Buckley and F A O Otieno. Water Research Commission Report No. 735/1/99, WRC, Pretoria, pp. 1-1 - A3-21, 1999, ISBN 1 86845 516 5.

Theses :

1. HANSA, A., 'The Development of Analytical Techniques for Reactive Dyes in Textile Effluent', MTech Thesis, 1999.
2. GARDNER, G.A., 'Liquid Waste Minimisation on a Chloro-alkali Complex ', MScEng Thesis, 2000.
3. MULLAN, D.J., 'Modelling of the Tubular Filter Press Process', MScEng Thesis, 2000.
4. NAIDOO, V., 'Municipal Wastewater Characterization Application of Denitrification Batch Tests', PhD Thesis, 2000.